



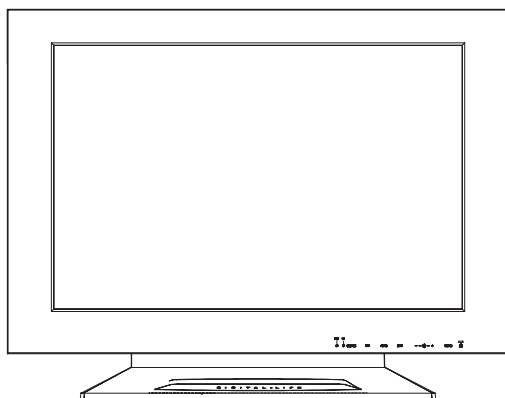
TFT-LCD MONITOR

SyncMaster 210T

SyncMaster 240T

SERVICE Manual

TFT-LCD MONITOR



CONTENTS

1. Precautions
2. Product Specifications
3. Disassembly & Reassembly
4. Alignment & Adjustments
5. Troubleshooting
6. Exploded View & Parts List
7. Electrical Parts List
8. Block Diagram
9. Wiring Diagram
10. Schematic Diagrams

1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

1-1 Safety Precautions

1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1): **WARNING: Do not use an isolation transformer during this test.** Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

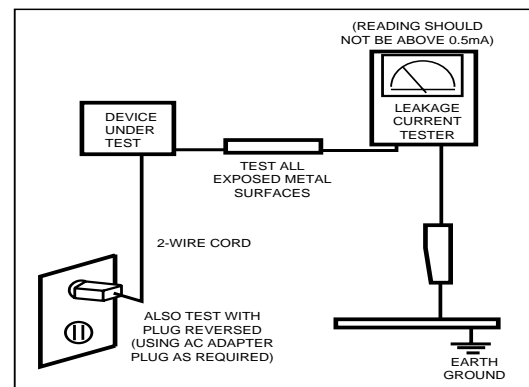


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and / or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

1-2 Servicing Precautions

WARNING: An electrolytic capacitor installed with the wrong polarity might explode.

Caution: Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
(a) remove or reinstall any component or assembly,
(b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

2 Product Specifications

2-1 Specifications

Item	Description	
	SyncMaster 210T	SyncMaster 240T
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 21.03-Inch (24.06-Inch) viewable, 0.27 (H) x 0.27 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz to 93 kHz (Anolog) Vertical : 56 Hz to 85 Hz	30 kHz to 81 kHz (Digital) 56 Hz to 85 Hz
Display Colors	16,777,216 Million colors	
Maximum Resolution	Horizontal : 1600 Pixels Vertical : 1200 Pixels	1920 Pixels 1200 Pixels
Input Video Signal	Analog, 0.7 Vp-p ± 5% positive at 75 Ω, internally terminated	
Input Sync Signal	Type : Seperate H/V sync, Composite H/V, Sync-on-Green Level : TTL level	
Maximum Pixel Clock rate	165 MHz	193 MHz
Active Display Horizontal/Vertical	432 ± 3 mm/324 ± 3 mm	518.4 ± 3 mm/324 ± 3 mm
AC power voltage & Frequency	AC 100 to 240 Volts, 60~50 Hz ± 3 Hz	
Power Consumption	85 W (max.)	95W (max.)
Dimensions Unit (W x D x H) Carton (W x D x H)	21.61 x 8.97 x 19.02 Inches (549.1 x 228 x 483.4 mm) 26.16 x 23.64 x 14.16 Inches (665 x 601 x 360 mm)	24.42 x 8.97 x 483.4 Inches (620.4 x 228 x 483.4 mm) 28.99 x 23.64 x 14.16 Inches (737 x 601 x 360 mm)
Weight (Net/Gross)	11.3 kg (24.91 lbs) / 19.3 kg (42.54 lbs)	13.8 kg (30.42 lbs) / 22.7 kg (50.04 lbs)
Environmental Considerations	Operating Temperature : 50°F to 104°F (10°C to 40°C) Humidity : 10 % to 80 % Storage Temperature : 13°F to 113°F (-25°C to 45°C) Humidity : 5 % to 95 %	
<ul style="list-style-type: none">• SyncMaster 210T/240T comply with SWEDAC (MPRII) recommendations for reduced electromagnetic fields.• Designs and specifications are subject to change without prior notice.		

2-2 Pin Assignments

Pin No.	Sync Type	15-Pin Signal Cable Connector		
		Separate	Composite	Sync-on-green
1		Red	Red	Red
2		Green	Green	Green + H/V Sync.
3		Blue	Blue	Blue
4		GND	GND	GND
5		GND (DDC Return)	GND (DDC Return)	GND (DDC Return)
6		GND-Red	GND-Red	GND-Red
7		GND-Green	GND-Green	GND-Green
8		GND-Blue	GND-Blue	GND-Blue
9		No Connection	No Connection	Not Used
10		GND-Sync./Self Test	GND-Sync./Self Test	GND-Sync./Self Test
11		GND	GND	GND
12		DDC Data	DDC Data	DDC Data
13		Horizontal sync.	H/V-Sync.	Not Used
14		Vertical sync.	Not Used	Not Used
15		DDC Clock	DDC Clock	DDC Clock

2-3 DVI Signal Pin Assignments

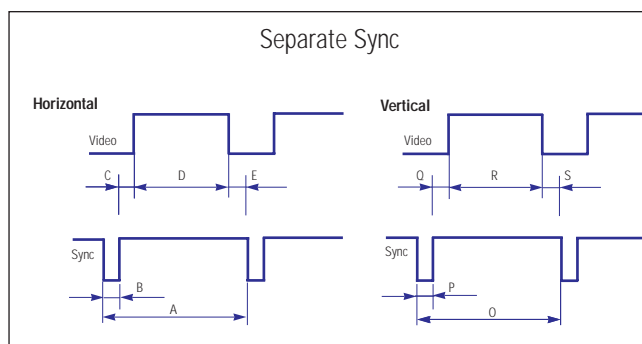
Pin	Signal Assignment	Pin	Signal Assignment	Pin	Signal Assignment
1	RX2-	9	RX1-	17	RX0-
2	RX2+	10	RX1+	18	RX0+
3	AGND	11	AGND	19	AGND
4	AGND	12	AGND	20	AGND
5	AGND	13	AGND	21	AGND
6	DDC_SCL	14	DDC Power Input (+5V)	22	AGND
7	DDC_SDA	15	Self-Raster_D	23	RXC+
8	AGND	16	Connection Signal Output (+5V)	24	RXC-

2-3 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

Table 2-1. Timing Chart

Mode Timing	VGA1/ 70 Hz 640 x 350	VGA2/ 70 Hz 720 x 400	VGA3/ 60 Hz 640 x 480	VGA/ 72 Hz 640 x 480	VGA/ 75 Hz 640 x 480	VGA/ 85 Hz 640 x 480	MAC/ 60 Hz 640 x 480	MAC/ 66 Hz 640 x 480	SVGA/ 56 Hz 800 x 600	SVGA/ 60 Hz 800 x 600	SVGA/ 72 Hz 800 x 600
fH (kHz)	31.5	31.5	31.5	37.9	37.5	43.3	31.5	35.0	35.2	37.9	48.1
A μ sec	800	900	800	832	840	832	800	864	1024	1056	1040
B μ sec	96	108	96	40	64	56	96	64	72	128	120
C μ sec	40	45	40	120	120	80	48	96	128	88	64
D μ sec	640	720	640	640	640	640	640	640	800	800	800
E μ sec	8	9	8	16	16	56	16	64	24	40	56
fV (Hz)	70.1	70.1	60.0	72.8	75.0	85.0	60.0	66.7	56.3	60.3	72.2
O msec	449	449	525	520	500	509	525	525	625	628	666
P msec	2	2	2	3	3	3	2	3	2	4	6
Q msec	54	27	25	20	16	25	33	39	22	23	23
R msec	350	400	480	480	480	480	480	480	600	600	600
S msec	31	6	2	1	1	1	10	3	1	1	37
Clock Freq. (MHz)	25.175	28.322	25.175	31.500	31.500	36.000	25.175	30.240	36.000	40.000	50.000
Polarity H.Sync	Positive	Negative	Negative	Negative	Negative	Negative	Negative	Negative	-/+	Positive	Positive
V.Sync	Negative	Positive	Negative	Negative	Negative	Negative	Negative	Negative	-/+	Positive	Positive
Remark	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate



A : Line time total

B : Horizontal sync width

O : Frame time total

P : Vertical sync width

C : Back porch

D : Active time

Q : Back porch

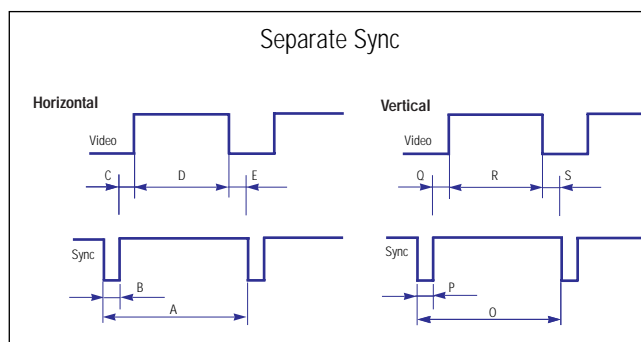
R : Active time

E : Front porch

S : Front porch

Table 2-1. Timing Chart (continued)

Mode Timing	SVGA/ 75 Hz 800 x 600	SVGA/ 85 Hz 800 x 600	MAC/ 74 Hz 832 x 624	XGA/ 60 Hz 1024 x 768	XGA/ 70 Hz 1024 x 768	XGA/ 75 Hz 1024 x 768	XGA/ 85 Hz 1024 x 768	MAC/ 60 Hz 1024 x 768	MAC/ 74 Hz 1024 x 768	VESA/ 75 Hz 1152 x 864	MAC/ 75 Hz 1152 x 870
fH (kHz)	46.9	53.7	49.7	48.4	56.5	60.0	68.7	48.8	60.2	67.5	68.7
A μ sec	1056	1048	1152	1344	1328	1312	1376	1312	1328	1600	1456
B μ sec	80	64	64	136	136	96	96	96	96	128	128
C μ sec	160	152	224	160	144	176	208	128	176	256	144
D μ sec	800	800	832	1024	1024	1024	1024	1024	1024	1152	1152
E μ sec	16	32	32	24	24	16	48	64	32	64	32
fV (Hz)	75.0	85.1	74.6	60.0	70.1	75.0	85.0	60.0	74.9	75.0	75.1
O msec	625	631	667	806	806	800	808	813	804	900	915
P msec	3	3	3	6	6	3	3	6	3	3	3
Q msec	21	27	39	29	29	28	36	33	30	32	39
R msec	600	600	624	768	768	768	768	768	768	864	870
S msec	1	1	1	3	3	1	1	6	3	1	3
Clock Freq. (MHz)	49.500	56.250	57.284	65.000	75.000	78.750	94.500	64.000	80.000	108.000	100.000
Polarity H.Sync	Positive	Positive	Negative	Negative	Negative	Positive	Positive	Negative	Negative	Positive	Negative
V.Sync	Positive	Positive	Negative	Negative	Negative	Positive	Positive	Negative	Negative	Positive	Negative
Remark	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate



A : Line time total

B : Horizontal sync width

O : Frame time total

P : Vertical sync width

C : Back porch

D : Active time

Q : Back porch

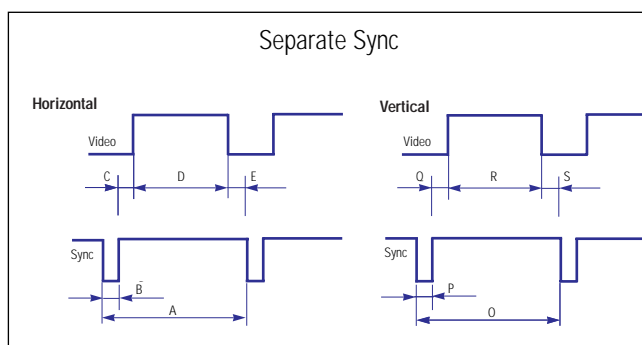
R : Active time

E : Front porch

S : Front porch

Table 2-1. Timing Chart (continued)

Mode Timing	SUN/66 Hz 1152 x 900	SUN/76 Hz 1152 x 900	SXGA/60 Hz 1280 x 1024	NCD/70 Hz 1280 x 1024	HP/72 Hz 1280 x 1024	SXGA/75 Hz 1280 x 1024	SUN/76 Hz 1280 x 1024
fH (kHz)	61.8	71.7	64.0	74.4	78.1	80.0	81.1
A μ sec	1528	1472	1688	1680	1728	1688	1664
B μ sec	128	96	112	160	192	144	64
C μ sec	208	208	248	208	192	248	288
D μ sec	1152	1152	1280	1280	1280	1280	1280
E μ sec	40	16	48	32	64	16	32
fV (Hz)	66.0	76.0	60.0	70.0	72.0	75.0	76.1
O msec	937	943	1066	1063	1085	1066	1066
P msec	4	8	3	3	3	3	8
Q msec	31	33	38	36	55	38	32
R msec	900	900	1024	1024	1024	1024	1024
S msec	2	2	1	0	3	1	2
Clock Frequency (MHz)	94.500	105.561	108.000	125.000	135.000	135.000	135.000
Polarity H.Sync	-/+	Negative	Positive	Negative	Negative	Positive	Negative
V.Sync	-/+	Negative	Positive	Negative	Negative	Positive	Negative
Remark	Separate	Separate	Separate	Separate	Separate	Separate	Separate



A : Line time total

B : Horizontal sync width

O : Frame time total

P : Vertical sync width

C : Back porch

D : Active time

Q : Back porch

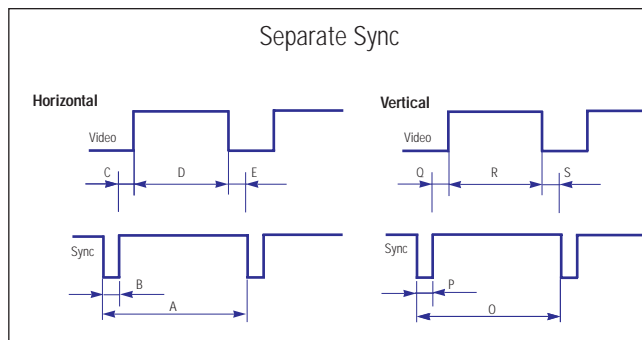
R : Active time

E : Front porch

S : Front porch

Table 2-1. Timing Chart (continued)

Mode Timing	Analog						Digital	
	UXGA/60Hz 1600 x 1200 (only Analog 24")	UXGA/65Hz 1600 x 1200 (only Analog 24")	UXGA/70Hz 1600 x 1200 (only Analog 24")	NCD/64Hz 1600 x 1200 (only Analog 24")	SUN/66 Hz 1600 x 1200 (only Analog 24")	WUXGA2/60 Hz 1920 x 1200 (only Analog 24")	UXGA/60 Hz 1600 x 1200 (only Digital 24")	WUXGA2/60 Hz 1920 x 1200 (only Digital 24")
fH (kHz)	75	81.25	87.5	80.038	89.286	74.52	73.5	72.48
A μ sec	2160	2160	2160	2124	2240	2592	1808	2086
B μ sec	192	192	192	160	256	208	80	40
C μ sec	304	304	304	308	368	336	100	100
D μ sec	1600	1600	1600	1600	1600	1920	1600	1920
E μ sec	64	64	64	56	16	128	28	26
fV (Hz)	60	65	70	64.443	66.931	60	60	60
O msec	1250	1250	1250	1242	1334	1242	1225	1208
P msec	3	3	3	3	10	3	2	2
Q msec	46	46	46	38	44	38	22	5
R msec	1200	1200	1200	1200	1200	1200	1200	1200
S msec	1	1	1	1	80	1	1	1
Clock Frequency (MHz)	162.000	175.500	189.000	170.000	200.000	193.156	132.876	151.193
Polarity H.Sync	-/+	-/+	-/+	-/+	-/+	Negative	-/+	Negative
V.Sync	-/+	-/+	-/+	-/+	-/+	Positive	-/+	Positive
Remark	Separate	Separate	Separate	Separate	Separate	Separate	Separate	Separate



A : Line time total

B : Horizontal sync width

O : Frame time total

P : Vertical sync width

C : Back porch

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Q : Back porch

R : Active time

E : Front porch

S : Front porch

3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the SyncMaster 210T/240T monitor.

WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

3-1 Disassembly

Cautions: 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

3-1-1 Removing the Stand

1. Disconnect Power Cord and Signal Cable.
2. Remove 6 screws on the Cover-Hinge.
3. Pry it off the back of the monitor.
4. Remove 4 screws in the Hinge Area.
3. Remove 6 screws from the Brkt Bottom.
4. Remove the Brkt Bottom from the Stand Frame.
5. Remove 6 screws on the Hinge Ass'y from the Stand Frame.
6. Remove Hinge Ass'y from the Stand Frame.

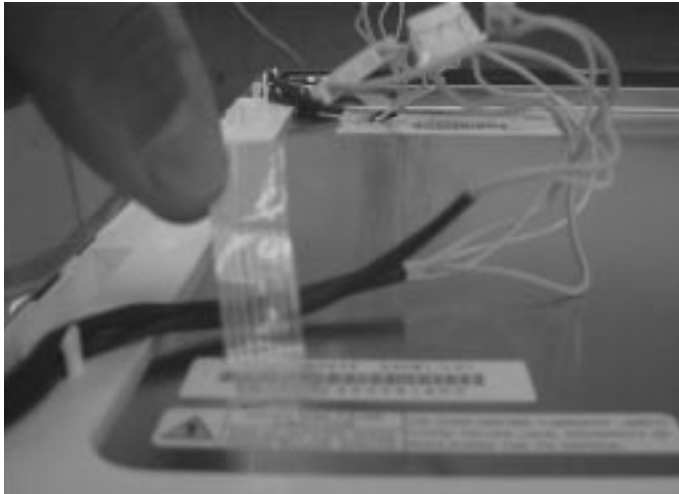
3-1-2 Main Body Disassembly

1. Remove the 4 screws on the four corner of the Rear Cover.
2. Remove Rear Cover from the Front Cover.
3. Remove 21(21":15) screws on the Shield and remove the shield.
4. Remove 1 screw from the Function wire.
5. Disconnect Inverter wire, Function PCB wire and Interface wire.
Remove 5 screws on the Main PCB and remove 3 screws on the D sub shield.
6. Remove the Main PCB Assembly.
7. Remove 4 screws on the Inverter PCB Assembly and then remove it
8. Remove 4 screws on the DC-DC Converter.
9. Remove 9 screws on the Rear Panel Bracket.
10. Remove the Bracket Assembly from the Front Cover.
11. Remove 3 screws on the Function PCB from locking area of Function knob and remove Function PCB.
12. Remove 4 screws on the LCD panel.
13. Remove the Rear Bracket from the panel.
14. Remove the Interface wire on the Rear Side of Panel.

3-1-3 Standard Stand Disassembly

1. Remove 6 screws from the Stand Bottom.
2. Remove Stand Base from the Stand assembly.

3-2 Replacement Order of Lamp Assemblies



1. Remove the lamp wire holding tape from the metal chassis on the bottom side.

1-1. Taking out the lamp wire from the lamp wire holder.



2. Unscrewing the screw.
Unscrewing force : 0.8 ~ 1Kg - f.cm



3. Pulling out the lamp Assembly with stable Power and direction slowly.
Be careful, do not twist the lamp reflector when pulling the lamp.



4. Dis-Assembled the lamp Ass'y from LCD completely.

- * Replacement of lamp unit should be done at the power off state and recommended clean bench condition.

3-3 Reassembly

Reassembly procedures are in the reverse order of Disassembly procedures.

Memo

4 Alignments and Adjustments

This section of the service manual explains how to use the DDC JIG to adjust the black, red, green, and blue levels of the FPD when you replace the AD Board, and how to update the microprocessor when you change the Panel or Lamp(s).

4-1 Required Equipment

The following equipment is necessary for adjusting the monitor:

- Oscilloscope with probe tool
- Computer with Windows 95[®], Windows 98[®], or Windows NT[®]
- DDC Control JIG

4-2 Using the DDC Control JIG

After replacing the LCD Panel, Lamp(s), and / or AD Board, use the DDC Control JIG to complete your service. Attach the DDC Control JIG to the flat panel display (FPD) as shown in the diagrams, below.

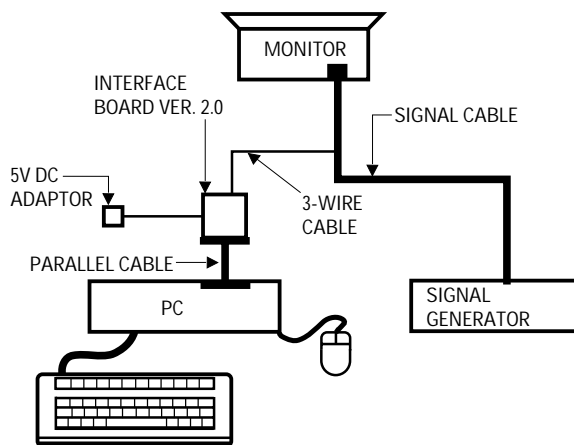


Figure 4-1. Setup 1, With Signal Generator

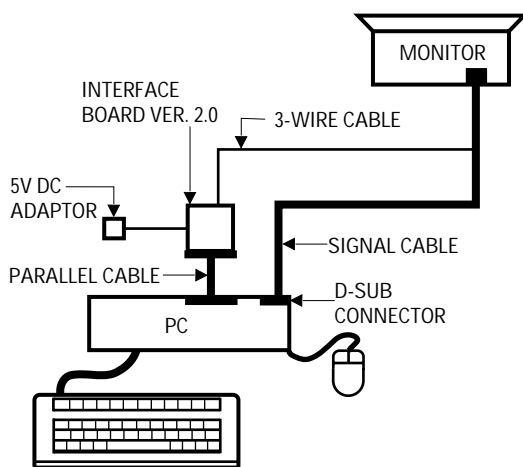


Figure 4-2. Setup 2, Without Signal Generator

4-2-1 Adjustment Procedures

Use the following procedures whenever you replace the AD Board, Panel, or one or both of the Lamps.

4-2-1 (a) When Replacing the AD Board

1. Remove the old AD Board and replace it with a new board.
2. Perform the procedures described in section 4-2-3 (b).
3. Perform other procedures using the DDC Control JIG, if necessary.

4-2-1 (b) Color Auto Adjustment

1. After displaying 16-Gray pattern press "+", "-", and "source" buttons.
2. During normal execution of Auto Algorithm the screen image may change. If Auto Algorithm does not execute properly, try one more.
3. After normal execution of Auto Algorithm, confirm optimal settings by observing the contrast of several different patterns on the display.

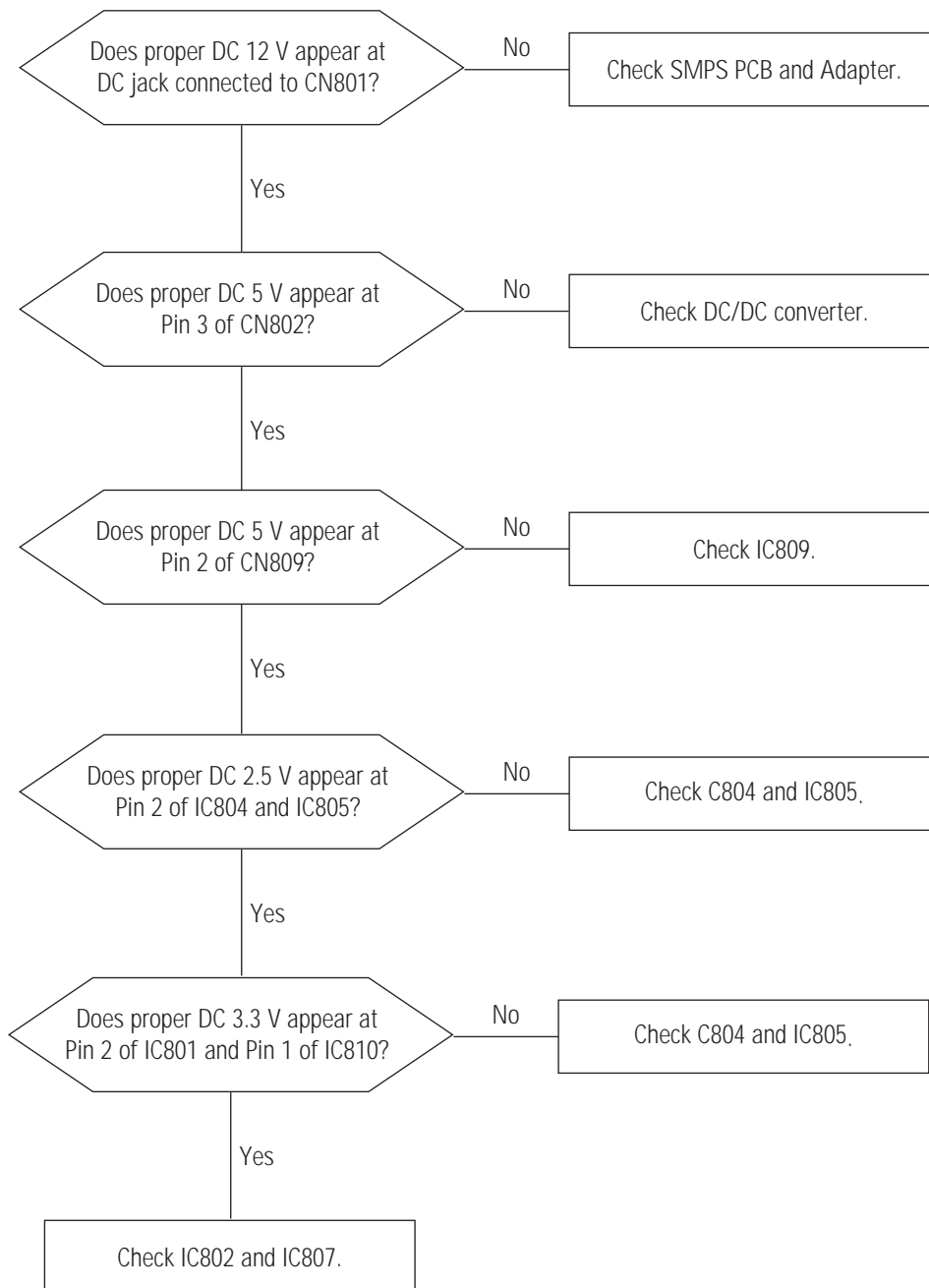
4-2-3 (c) White Balance Adjustment

1. After displaying white pattern (on the WUXAG mode), press "+", "-", and "PIP" buttons.
2. During normal execution of white balance the screen, image may change.

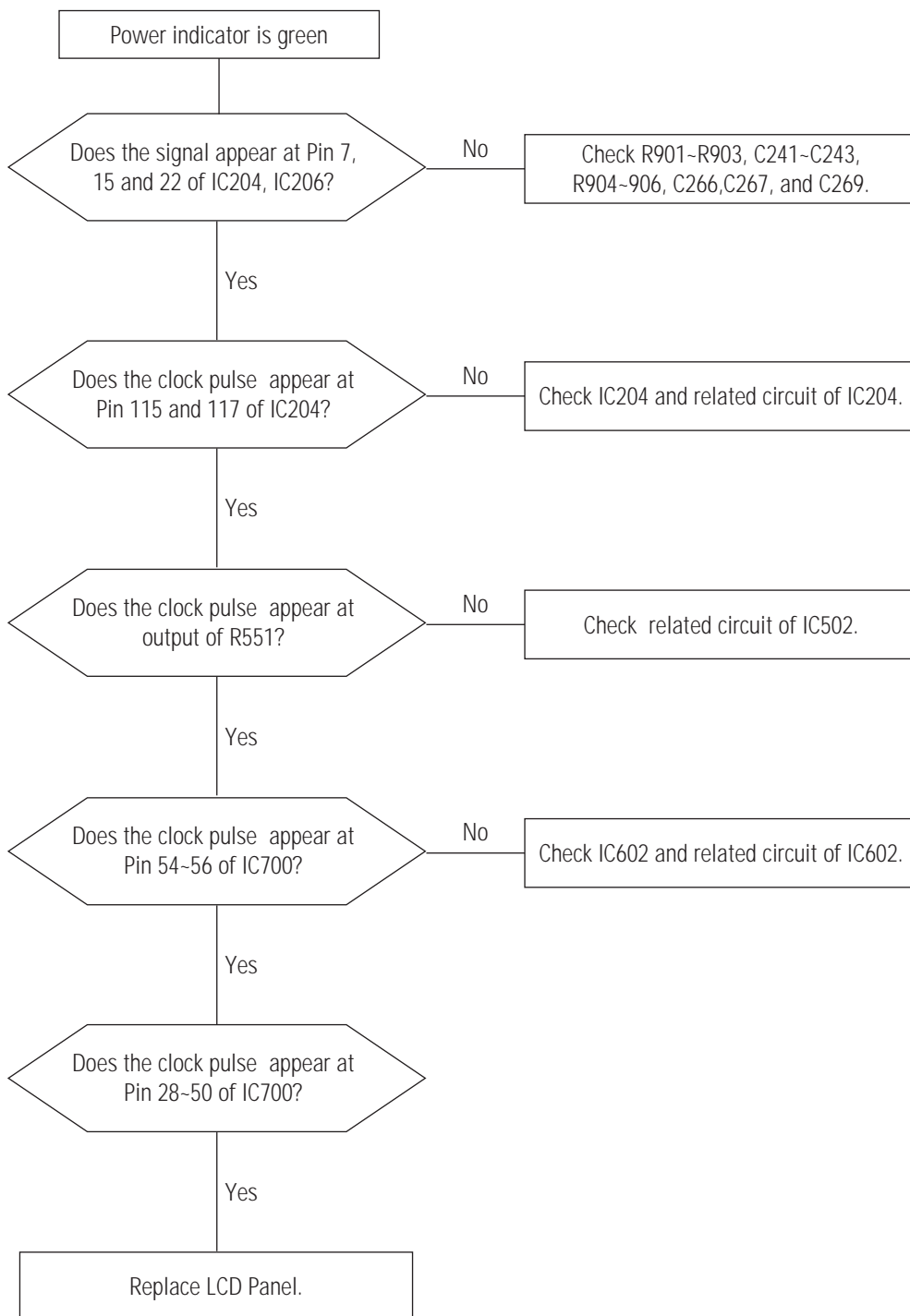
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5 Troubleshooting

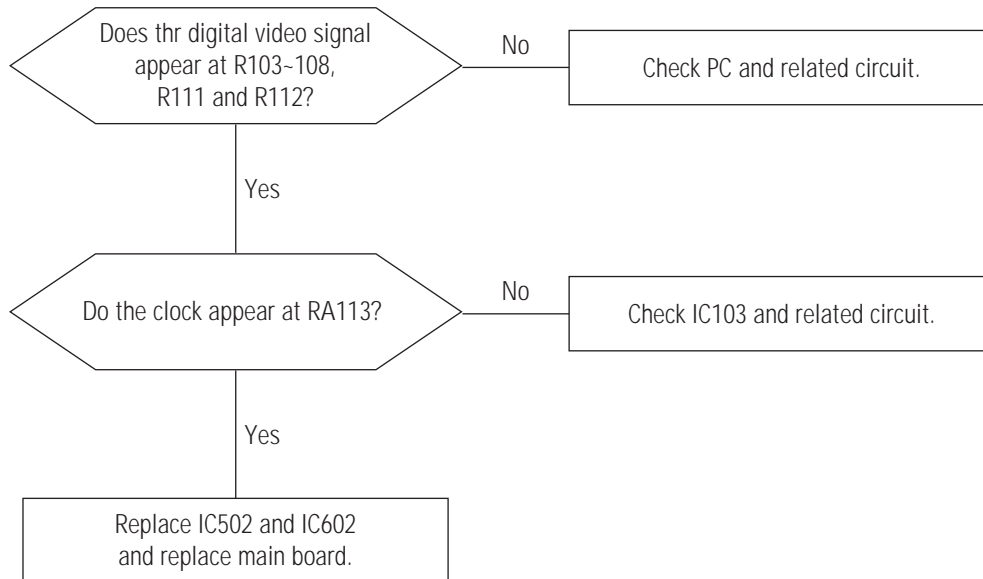
5-1 No Power



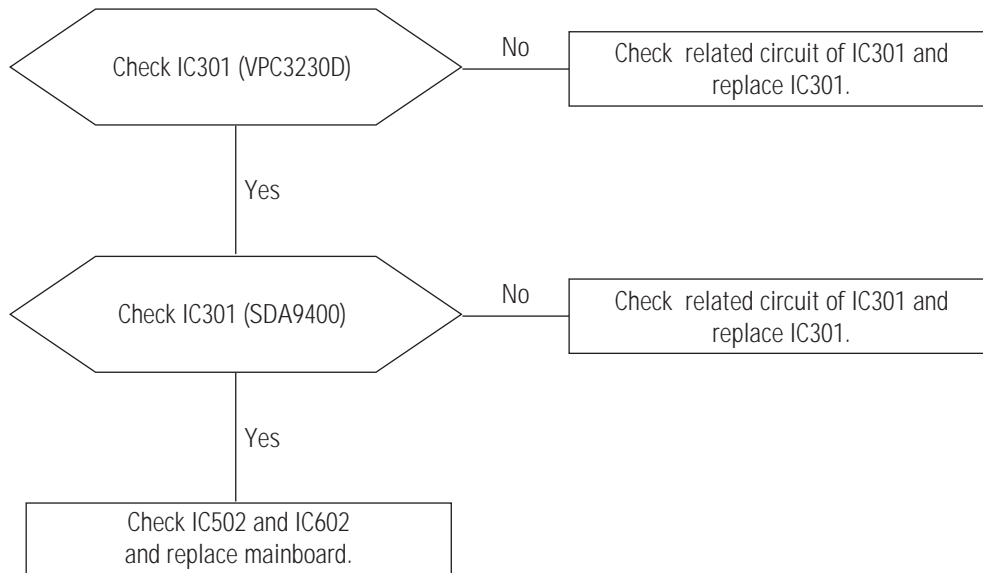
5-2 No Video (PC Analog Signal)



5-3 No Video (PC Digital Signal)

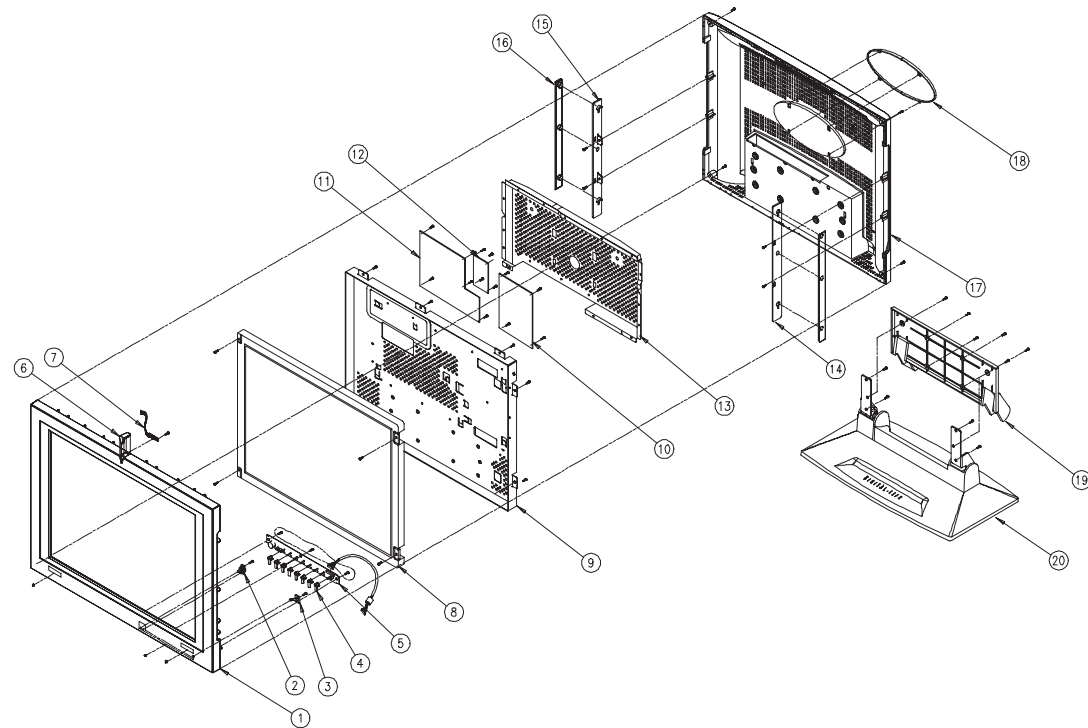


5-4 No Picture (CUBS, S-VHS)



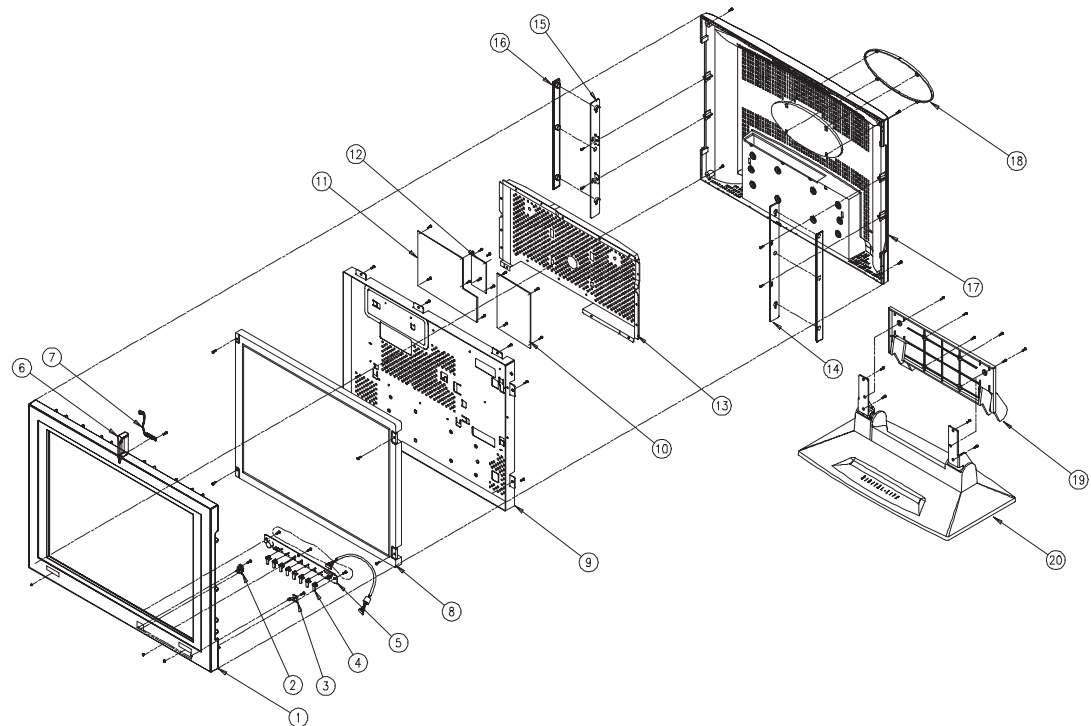
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6-1 SyncMaster 210T



UNIT-STAND RN75-0009B	⑧	UNIT STAND	RN75-0009B	ABS+PC 5V GR38(ΦSPOROUS.)	1				
	⑨	COVER HINGE	RN72-00129A	ABS+PC 5V GR38(ΦSPOROUS.)	1				
	⑩	CAP-LOGO	RN72-00122B	ABS+PC 5V GR38(ΦSPOROUS.)	1				
	⑪	COVER REAR	RN72-00126B	ABS+PC 5V GR38(ΦSPOROUS.)	1				
	⑫	CAP-SPEAKER	RN72-00162A	ABS+PC 5V BL01(ΦSPOROUS.)	2				
	⑬	HOLDER SPEAKER/L	RN72-00123C	ABS+PC 5V BL01(ΦSPOROUS.)	1				
UNIT-C/FRONT RN75-0010SA	⑭	HOLDER SPEAKER/R	RN72-00124C	ABS+PC 5V BL01(ΦSPOROUS.)	1				
	⑮	SHIELD PCB	RN70-00137A	SICC T.O.5	1	BH,+,S,TAPTITE ,4*10	8003-000129	COVER HINGE + UNIT BRKT PANEL	6
	⑯	DC-DC CONVERTER	RN44-00045AS	—	1	BH,+,S,TAPTITE ,4*10	8003-000129	UNIT STAND + UNIT BRKT PANEL	4
	⑰	MAIN PCB	RN84-00063B	—	1	BH,+,TAPTITE ,3*6	8003-000117	SHIELD PCB + UNIT BRKT PANEL	4
	⑱	INVERTER PCB	RN44-00044AS	—	1	BH,+,TAPTITE ,3*6	8003-000117	DC-DC CONVERTER + UNIT BRKT PANEL	4
	⑲	UNIT-BRKT PANEL	RN75-00111A	SICC T.I.0	1	BH,+,TAPTITE ,3*6	8003-000117	MAIN PCB + UNIT BRKT PANEL	8
	⑳	21.3" LCD PANEL	RN07-00015A	21.3" LCD PANEL	1	BH,+,TAPTITE ,3*6	8003-000117	INVERTER PCB + UNIT BRKT PANEL	4
	㉑	CAP-REMOCON	RN72-00079A	PC VIOLET	1	BH,+,TAPTITE ,4*12	8003-000122	C/FRONT + C/YEARL	4
	㉒	IR-SENSOR ASS'Y	RN50-00118A	—	2	BH,+,TAPTITE ,4*12	8003-000122	C/FRONT + UNIT BRKT PANEL	9
	㉓	FUNCTION PCB ASS'Y	RN50-00118A	—	1	BH,+,TAPTITE ,4*12	8003-000122	LCD PANEL + UNIT BRKT PANEL	4
	㉔	KNOB-FUNCTION	RN84-00018A	ABS+PC IPI16, NI PLAYING	8	BWH,+,TAPTITE ,3*10	8003-000010	FUNCTION PCB ASS'Y + C/FRONT	3
	㉕	LENS POWER	RN67-00009A	ACRYL	1	BH,+,TAPTITE ,3*8	8003-000015	IR SENSOR ASS'Y + C/FRONT	1
	㉖	LENS-SIGNAL	RN67-00009A	ACRYL	1	BH,+,TAPTITE ,3*8	8003-000015	LENS POWER + C/FRONT	1
	㉗	COVER-FRONT	RN72-00125A	ABS+PC 5V IPI16(ΦHSPOUS.)	1	BH,+,TAPTITE ,3*8	8003-000015	LENS SIGNAL + C/FRONT	1
	NO	PART NAME	CODE NO.	MATERIAL	Q'TY	SCREW PART	CODE NO.	LOCATION	Q'TY

6-2 SyncMaster 240T



UNIT-C/REAR RN75-00098B	⑩	UNIT STAND	RN75-00099B	ABS+PC 5Y GR30(PHOSPOROUS,1)	1				
	⑪	COVER HINGE	RN72-00129B	ABS+PC 5Y GR30(PHOSPOROUS,1)	1				
	⑫	CAP-LOGO	RN72-00122B	ABS+PC 5Y GR30(PHOSPOROUS,1)	1				
	⑬	COVER REAR	RN72-00121B	ABS+PC 5Y GR30(PHOSPOROUS,1)	1				
	⑭	CAP-SPEAKER	RN72-00162A	ABS+PC 5Y EL01(PHOSPOROUS,1)	2				
	⑮	HOLDER SPEAKER/L	RN72-00123C	ABS+PC 5Y EL01(PHOSPOROUS,1)	1				
UNIT-C/FRONT RN75-00097A	⑯	HOLDER SPEAKER/R	RN72-00124C	ABS+PC 5Y EL01(PHOSPOROUS,1)	1				
	⑰	SHIELD PCB	RN70-00134A	SECC T0.8	1	BH,+,S,TAPTITE,4*10	6003-000129	COVER HINGE + UNIT BRKT PANEL	6
	⑱	DC-DC CONVERTER	RN44-00045A	—	1	BH,+,S,TAPTITE,4*10	6003-000129	UNIT STAND + UNIT BRKT PANEL	4
	⑲	MAIN PCB	RN94-00060C	—	1	BH,+,TAPTITE,3*6	6003-000117	SHIELD PCB + UNIT BRKT PANEL	4
	⑳	INVERTER PCB	RN44-00044A	—	1	BH,+,TAPTITE,3*6	6003-000117	DC-DC CONVERTER + UNIT BRKT PANEL	4
	㉑	UNIT-BRKT PANEL	RN75-00110A	SECC T1.2	1	BH,+,TAPTITE,3*6	6003-000117	MAIN PCB + UNIT BRKT PANEL	8
	㉒	24" LCD PANEL	RN07-00015A	24" LCD PANEL	1	BH,+,TAPTITE,3*6	6003-000117	INVERTER PCB + UNIT BRKT PANEL	4
	㉓	CAP-REMOCON	RN07-00079A	PC VIOLET	1	BH,+,TAPTITE,4*12	C/FRONT + C/REAR		
	㉔	IR-SENSOR ASS'Y	RN59-00118A	—	2	BH,+,TAPTITE,4*12	6003-000122	C/FRONT + UNIT BRKT PANEL	9
	㉕	FUNCTION PCB ASS'Y	RN59-00119A	—	1	BH,+,TAPTITE,4*12	6003-000122	LCD PANEL + UNIT BRKT PANEL	4
UNIT PART	㉖	KNOB-FUNCTION	RN64-00018A	ABS+PC IY16, NI PLATING	8	BWH,+,TAPTITE,3*10	6003-000010	FUNCTION PCB ASS'Y + C/FRONT	3
	㉗	LENS POWER	RN87-00008A	ACRYL	1	BH,+,TAPTITE,3*8	6003-000015	IR SENSOR ASS'Y + C/FRONT	1
	㉘	LENS-SIGNAL	RN87-00009A	ACRYL	1	BH,+,TAPTITE,3*8	6003-000015	LENS POWER + C/FRONT	1
	㉙	COVER-FRONT	RN72-00120A	ABS+PC 5Y IY16(PHOSPOROUS,1)	1	BH,+,TAPTITE,3*8	6003-000015	LENS SIGNAL + C/FRONT	1
	NO	PART NAME	CODE NO.	MATERIAL	Q'TY	SCREW PART	CODE NO.	LOCATION	Q'TY

7 Electrical Parts List

7-1 Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
C856	2409-001004	C-ORGANIC	"100uF,20%,16V,LL,BK,8x10.5mm,3"	
C857	2409-001004	C-ORGANIC	"100uF,20%,16V,LL,BK,8x10.5mm,3"	
C858	2409-001004	C-ORGANIC	"100uF,20%,16V,LL,BK,8x10.5mm,3"	
CN100	3701-001173	CONNECTOR-DSUB	"24P,3R,FEMALE,ANGLE,AUF"	
CN200	3701-001219	CONNECTOR-DSUB	"15P,3R,FEMALE,ANGLE,AUF"	
CN300	3722-001178	JACK-PIN	"1P,3.4mm,SN,YEL,#16-22"	
CN301	3722-001100	JACK-DIN	"4P/2C,6mm,AG,BLK,NO"	
FT805	2901-000172	FILTER-EMI ON BOARD	"50V,10A,-,-,12x11x13mm,BK,-"	
FT821	2901-000172	FILTER-EMI ON BOARD	"50V,10A,-,-,12x11x13mm,BK,-"	
IC205	1204-001725	IC-SIGNAL PROCESSOR	"BA7078AF,SOP,18P,210MIL,PLASTIC,5.25V,450mW,-25to+75C,TP,SYNC SIGNAL PROCESSOR"	
IC403	1102-001015	IC-EPROM	"27C020,256Kx8BIT,DIP,32P,600MI"	
IC403_SOCKET	3704-000255	SOCKET-IC	"32P,DIP,SN,2.54mm"	
BD205	2703-001334	INDUCTOR-SMD	"1.5uH,10%,2x1.25x0.85mm"	
BD206	2703-001334	INDUCTOR-SMD	"1.5uH,10%,2x1.25x0.85mm"	
BD207	2703-001334	INDUCTOR-SMD	"1.5uH,10%,2x1.25x0.85mm"	
BD208	2703-001334	INDUCTOR-SMD	"1.5uH,10%,2x1.25x0.85mm"	
BD410	2703-001334	INDUCTOR-SMD	"1.5uH,10%,2x1.25x0.85mm"	
BD800	2007-000029	R-CHIP	"00HM,5%,1/10W,DA,TP,2012"	
BD801	2007-000029	R-CHIP	"00HM,5%,1/10W,DA,TP,2012"	
BD802	2007-000029	R-CHIP	"00HM,5%,1/10W,DA,TP,2012"	
BD803	2007-000029	R-CHIP	"00HM,5%,1/10W,DA,TP,2012"	
C101	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C102	2402-001086	"C-AL,SMD"	"100UF,20%,16V,WT,TP,6.6X6.6X5.3"	
C103	2402-001086	"C-AL,SMD"	"100UF,20%,16V,WT,TP,6.6X6.6X5.3"	
C104	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C105	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C107	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C108	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C11	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C113	2402-000176	"C-AL,SMD"	"10uF,20%,16V,GP,TP,4.3x4.3x5.4"	
C114	2402-000176	"C-AL,SMD"	"10uF,20%,16V,GP,TP,4.3x4.3x5.4"	
C115	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C116	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C117	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C118	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C119	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C12	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C120	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C121	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C122	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C13	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C14	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C15	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C16	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C17	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C18	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C181	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C182	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C183	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
C184	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C185	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C19	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C198	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C20	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C201	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C204	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C205	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C206	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C207	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C208	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C209	2402-000108	"C-AL,SMD"	"10uF,20%,16V,WT,TP,4.3x4.3x5.4"	
C21	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C210	2402-000108	"C-AL,SMD"	"10uF,20%,16V,WT,TP,4.3x4.3x5.4"	
C211	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C212	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C213	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C214	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C215	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C216	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C217	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C218	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C219	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C22	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C220	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C221	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C222	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C223	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C224	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C225	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C226	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C227	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C228	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C229	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C23	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C230	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C231	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C232	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C233	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C234	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C236	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C237	2203-000843	"C-CERAMIC,CHIP"	"39nF,10%,25V,X7R,TP,1608,-"	
C238	2203-000726	"C-CERAMIC,CHIP"	"3.9nF,10%,50V,X7R,TP,1608,-"	
C24	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C241	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C242	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C243	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C247	2203-000903	"C-CERAMIC,CHIP"	"0.0047nF,0.25pF,50V,NP0,TP,1608"	
C248	2203-000903	"C-CERAMIC,CHIP"	"0.0047nF,0.25pF,50V,NP0,TP,1608"	
C249	2203-000903	"C-CERAMIC,CHIP"	"0.0047nF,0.25pF,50V,NP0,TP,1608"	
C25	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	

Loc. No.	Code No.	Description	Specification	Remarks
C250	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C251	2203-000384	"C-CERAMIC,CHIP"	"0.015nF,5%,50V,NP0,TP,1608"	
C252	2402-001006	"C-AL,SMD"	"4.7uF,20%,25V,GP,TP,3.6x6.3x3."	
C253	2203-005065	"C-CERAMIC,CHIP"	"1000nF,+80-20%,10V,Y5V,TP,1608"	
C255	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C256	2203-000843	"C-CERAMIC,CHIP"	"39nF,10%,25V,X7R,TP,1608,-"	
C257	2203-001652	"C-CERAMIC,CHIP"	"470nF,+80-20%,16V,Y5V,TP,1608"	
C258	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C260	2203-000726	"C-CERAMIC,CHIP"	"3.9nF,10%,50V,X7R,TP,1608,-"	
C261	2203-000236	"C-CERAMIC,CHIP"	"0.1nF,5%,50V,NP0,TP,1608"	
C262	2203-005065	"C-CERAMIC,CHIP"	"1000nF,+80-20%,10V,Y5V,TP,1608"	
C263	2402-001019	"C-AL,SMD"	"2.2uF,20%,35V,GP,TP,3.3x3.3x5."	
C264	2203-005065	"C-CERAMIC,CHIP"	"1000nF,+80-20%,10V,Y5V,TP,1608"	
C266	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C267	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C268	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C269	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C270	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C274	2203-000903	"C-CERAMIC,CHIP"	"0.0047nF,0.25pF,50V,NP0,TP,1608"	
C275	2203-000903	"C-CERAMIC,CHIP"	"0.0047nF,0.25pF,50V,NP0,TP,1608"	
C276	2203-000903	"C-CERAMIC,CHIP"	"0.0047nF,0.25pF,50V,NP0,TP,1608"	
C277	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C281	2203-000280	"C-CERAMIC,CHIP"	"0.01nF,0.5pF,50V,NP0,TP,1608"	
C282	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C283	2402-000108	"C-AL,SMD"	"10uF,20%,16V,WT,TP,4.3x4.3x5.4"	
C284	2402-000108	"C-AL,SMD"	"10uF,20%,16V,WT,TP,4.3x4.3x5.4"	
C285	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C286	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C287	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C288	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C289	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C290	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C291	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C292	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C293	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C294	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C295	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C296	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C297	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C298	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C299	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C300	2203-000552	"C-CERAMIC,CHIP"	"0.02nF,5%,50V,NP0,TP,1608"	
C301	2203-000491	"C-CERAMIC,CHIP"	"2.2nF,10%,50V,X7R,TP,1608,-"	
C302	2203-000552	"C-CERAMIC,CHIP"	"0.02nF,5%,50V,NP0,TP,1608"	
C306	2203-000140	"C-CERAMIC,CHIP"	"1.5nF,10%,50V,X7R,TP,1608,-"	
C31	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C314	2203-000552	"C-CERAMIC,CHIP"	"0.02nF,5%,50V,NP0,TP,1608"	
C316	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C317	2402-000176	"C-AL,SMD"	"10uF,20%,16V,GP,TP,4.3x4.3x5.4"	
C318	2203-001652	"C-CERAMIC,CHIP"	"470nF,+80-20%,16V,Y5V,TP,1608"	
C319	2203-001652	"C-CERAMIC,CHIP"	"470nF,+80-20%,16V,Y5V,TP,1608"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
C32	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C320	2203-001652	"C-CERAMIC,CHIP"	"470nF,+80-20%,16V,Y5V,TP,1608"	
C321	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C322	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C323	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C324	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C325	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C326	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C327	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C328	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C329	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C33	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C331	2203-001652	"C-CERAMIC,CHIP"	"470nF,+80-20%,16V,Y5V,TP,1608"	
C332	2203-001652	"C-CERAMIC,CHIP"	"470nF,+80-20%,16V,Y5V,TP,1608"	
C333	2203-000140	"C-CERAMIC,CHIP"	"1.5nF,10%,50V,X7R,TP,1608,-"	
C334	2203-000838	"C-CERAMIC,CHIP"	"0.39nF,5%,50V,NP0,TP,1608"	
C335	2203-001402	"C-CERAMIC,CHIP"	"220nF,+80-20%,16V,Y5V,TP,1608"	
C336	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C337	2402-000176	"C-AL,SMD"	"10uF,20%,16V,GP,TP,4.3x4.3x5.4"	
C34	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C35	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C352	2203-001630	"C-CERAMIC,CHIP"	"330nF,+80-20%,16V,Y5V,TP,1608"	
C353	2203-000838	"C-CERAMIC,CHIP"	"0.39nF,5%,50V,NP0,TP,1608"	
C354	2203-000140	"C-CERAMIC,CHIP"	"1.5nF,10%,50V,X7R,TP,1608,-"	
C355	2203-001402	"C-CERAMIC,CHIP"	"220nF,+80-20%,16V,Y5V,TP,1608"	
C36	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C361	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C362	2203-000140	"C-CERAMIC,CHIP"	"1.5nF,10%,50V,X7R,TP,1608,-"	
C363	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C37	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C38	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C39	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C391	2402-000176	"C-AL,SMD"	"10uF,20%,16V,GP,TP,4.3x4.3x5.4"	
C392	2203-001140	"C-CERAMIC,CHIP"	"68nF,10%,16V,X7R,TP,1608,-"	
C393	2203-001140	"C-CERAMIC,CHIP"	"68nF,10%,16V,X7R,TP,1608,-"	
C394	2203-001140	"C-CERAMIC,CHIP"	"68nF,10%,16V,X7R,TP,1608,-"	
C395	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C396	2402-000176	"C-AL,SMD"	"10uF,20%,16V,GP,TP,4.3x4.3x5.4"	
C397	2203-000552	"C-CERAMIC,CHIP"	"0.02nF,5%,50V,NP0,TP,1608"	
C399	2203-000972	"C-CERAMIC,CHIP"	"47nF,10%,16V,X7R,TP,1608"	
C40	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C400	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C401	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C403	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C404	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C405	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C406	2203-000815	"C-CERAMIC,CHIP"	"0.033nF,5%,50V,NP0,TP,1608"	
C407	2203-000815	"C-CERAMIC,CHIP"	"0.033nF,5%,50V,NP0,TP,1608"	
C408	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C409	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C41	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	

Loc. No.	Code No.	Description	Specification	Remarks
C410	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C411	2203-000815	"C-CERAMIC,CHIP"	"0.033nF,5%,50V,NP0,TP,1608"	
C412	2203-000815	"C-CERAMIC,CHIP"	"0.033nF,5%,50V,NP0,TP,1608"	
C413	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C42	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C421	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C43	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C44	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C45	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C500	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C501	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C502	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C503	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C504	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C505	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C506	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C507	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C508	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C509	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C510	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C516	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C518	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C519	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C520	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C521	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C522	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C523	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C524	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C525	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C526	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C527	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C528	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C529	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C548	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C549	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C550	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C551	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C552	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C553	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C554	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C555	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C556	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C557	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C558	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C559	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C560	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C561	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C562	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C563	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C564	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C565	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
C566	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C567	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C568	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C569	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C570	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C571	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C572	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C573	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C581	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C584	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C585	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C586	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C587	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C588	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C589	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C590	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C591	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C592	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C595	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C596	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C597	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C598	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C599	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C600	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C601	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C602	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C603	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C604	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C605	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C606	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C607	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C608	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C609	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C610	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C617	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C618	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C619	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C620	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C621	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C622	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C623	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C624	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C625	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C626	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C627	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C628	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C629	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C632	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C646	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C650	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C651	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	

Loc. No.	Code No.	Description	Specification	Remarks
C652	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C653	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C654	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C655	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C656	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C657	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C658	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C659	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C660	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C661	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C662	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C663	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C664	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C665	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C666	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C667	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C668	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C669	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C670	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C671	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C672	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C673	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C682	2203-000384	"C-CERAMIC,CHIP"	"0.015nF,5%,50V,NP0,TP,1608"	
C691	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C692	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C693	2402-000135	"C-AL,SMD"	"22uF,20%,16V,GP,TP,5.3x5.3x5.4"	
C696	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C697	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C698	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C700	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C701	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C702	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C703	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C704	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C705	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C706	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C708	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C709	2402-000173	"C-AL,SMD"	"4.7uF,20%,35V,GP,TP,4.3x4.3x5."	
C710	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C711	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C712	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C713	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C714	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C715	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C716	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C717	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C718	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C719	2402-001044	"C-AL,SMD"	"100uF,20%,25V,-,TP,8.3x8.3x6.3"	
C801	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C802	2402-001044	"C-AL,SMD"	"100uF,20%,25V,-,TP,8.3x8.3x6.3"	
C803	2409-001029	C-ORGANIC	"120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
C804	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C805	2402-001044	"C-AL,SMD"	"100uF,20%,25V,-,TP,8.3x8.3x6.3"	
C806	2409-001029	C-ORGANIC	"120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9"	
C807	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C808	2203-000257	"C-CERAMIC,CHIP"	"10nF,10%,50V,X7R,TP,1608"	
C810	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C811	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C812	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C813	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C814	2409-001029	C-ORGANIC	"120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9"	
C816	2402-000108	"C-AL,SMD"	"10uF,20%,16V,WT,TP,4.3x4.3x5.4"	
C817	2409-001029	C-ORGANIC	"120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9"	
C841	2203-005065	"C-CERAMIC,CHIP"	"1000nF,+80-20%,10V,Y5V,TP,1608"	
C851	2402-000108	"C-AL,SMD"	"10uF,20%,16V,WT,TP,4.3x4.3x5.4"	
C852	2409-001029	C-ORGANIC	"120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9"	
C853	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C854	2402-000108	"C-AL,SMD"	"10uF,20%,16V,WT,TP,4.3x4.3x5.4"	
C855	2203-000440	"C-CERAMIC,CHIP"	"1nF,10%,50V,X7R,TP,1608,-"	
C890	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C900	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C901	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C902	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C903	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C904	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C905	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C906	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C907	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C908	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C909	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C910	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C911	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C912	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C915	2203-000280	"C-CERAMIC,CHIP"	"0.01nF,0.5pF,50V,NP0,TP,1608"	
C921	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C922	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C923	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C924	2203-000189	"C-CERAMIC,CHIP"	"100nF,+80-20%,25V,Y5V,TP,1608,"	
C930	2203-000384	"C-CERAMIC,CHIP"	"0.015nF,5%,50V,NP0,TP,1608"	
C931	2203-000280	"C-CERAMIC,CHIP"	"0.01nF,0.5pF,50V,NP0,TP,1608"	
C932	2409-001035	C-ORGANIC	"10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1"	
C935	2203-000384	"C-CERAMIC,CHIP"	"0.015nF,5%,50V,NP0,TP,1608"	
CA701	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA702	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA703	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA704	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA705	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA706	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA707	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA708	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA709	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	

Loc. No.	Code No.	Description	Specification	Remarks
CA710	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA711	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CA712	2503-001018	C-NETWORK	"15PFX4,10%,50V,-"	
CL800	BN27-20001A	COIL-CHOKE		
CL801	BN27-20001A	COIL-CHOKE		
D101	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D102	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D103	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D104	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D105	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D106	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D107	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D108	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D109	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	
D110	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D111	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D200	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D201	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D202	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D203	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D204	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D205	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D206	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D207	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D300	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D301	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D302	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D303	0401-001056	DIODE-SWITCHING	"MMBD4148SE,75V,600mA,SOT-23,TP"	
D800	0402-000553	DIODE-RECTIFIER	"SS24,40V,2.0A,DO-214AA"	
D801	0402-000553	DIODE-RECTIFIER	"SS24,40V,2.0A,DO-214AA"	
FT100	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT101	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT102	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT104	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT105	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT201	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT202	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT203	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT204	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT205	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT208	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT209	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT301	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT302	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT303	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT304	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT305	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT306	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT307	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT310	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT400	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
FT401	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT402	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT403	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT404	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT405	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT406	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT408	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT500	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT501	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT502	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT503	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT505	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT506	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT510	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT521	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT596	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT597	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT600	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT601	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT602	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT603	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT605	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT606	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT696	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT697	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT700	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT702	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT703	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT704	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
FT852	2901-001114	FILTER-EMI SMD	"25VDC,2.0ADC,-,100nF,3.2x1.6x1"	
IC100	1103-000129	IC-EEPROM	"24C02,256x8BIT,SOP,8P,150MIL,1"	
IC103	1205-001779	IC-RECEIVER	"SI1161ACT100,TQFP,100P,551MIL,PLASTIC,4V,1.0W,0to+70C,TR,Receiver"	
IC201	1203-002067	IC-POSI.FIXED REG.	"3330,SOT-23,6P,65MIL,PLASTIC,3.284/3.316V,-,40to+125C,200mA,-,TP"	
IC202	1203-002067	IC-POSI.FIXED REG.	"3330,SOT-23,6P,65MIL,PLASTIC,3.284/3.316V,-,40to+125C,200mA,-,TP"	
IC203	1103-001164	IC-EEPROM	"24LC21A,128x8BIT,SOP,8P,150MIL,-,5V,10%,PLASTIC,0 TO +70C,100UA,CMOS,TP"	
IC204	1002-001204	IC-A/D CONVERTER	"AD9884AKS-140,8BIT,QFP,128P,-,±0.5LSB,TR,CMOS,PLASTIC,4V,0to+70C,570mW,Flat Pan"	
IC206	1002-001204	IC-A/D CONVERTER	"AD9884AKS-140,8BIT,QFP,128P,-,±0.5LSB,TR,CMOS,PLASTIC,4V,0to+70C,570mW,Flat Pan"	
IC207	0801-002171	IC-CMOS LOGIC	"74LCX125,BUS BUFFER,SOP,14P,15"	
IC208	0801-002267	IC-CMOS LOGIC	"74LCX14,-,SOIC,14P,150MIL,-,TP,-,,-,3.6V,-40TO+85C,-,5.5V,-,24MA"	
IC209	1203-002067	IC-POSI.FIXED REG.	"3330,SOT-23,6P,65MIL,PLASTIC,3.284/3.316V,-,40to+125C,200mA,-,TP"	
IC210	1203-002067	IC-POSI.FIXED REG.	"3330,SOT-23,6P,65MIL,PLASTIC,3.284/3.316V,-,40to+125C,200mA,-,TP"	
IC211	0801-002171	IC-CMOS LOGIC	"74LCX125,BUS BUFFER,SOP,14P,15"	
IC301	1204-001598	IC-VIDEO PROCESS	"VPC3230D-B2,QFP,80P,-,PLASTIC,6V,1.4W,0to+65C,ST,-"	
IC302	1204-001623	IC-VERTICAL PROCESSO	"SDA9400,QFP,64P,-,PLASTIC,3.8V,1W,0 to +70C,TR,scan rate converter"	
IC303	1001-001146	IC-ANALOG SWITCH	"FST3257,BUS SWITCH & CMOS,SOP,16P,150MIL,QUAD,5.5V,-40to+85C,PLASTIC,-,15ohm,-,"	
IC400	1103-001023	IC-EEPROM	"524C80D81,1028x8BIT,SOP,8P,150MIL,10mS,5V,10%,PLASTIC,0to+70C,110uA,CMOS,TP"	
IC401	1203-001559	IC-RESET	"DS1834,SOIC,8P,150MIL,-,1.2/5V"	
IC404	0801-002574	IC-CMOS LOGIC	"74LVX04,INVERTER,SOP,14P,150MIL,HEX,TP,PLASTIC,-,0.36V,-40to+85C,180mW,2.4V,20"	
IC405	0801-002576	IC-CMOS LOGIC	"74LVX373,LATCH,SOP,20P,300MIL,OCTAL,TP,PLASTIC,3-STATE,-,0.36V,-40to+85C,180mW,2"	
IC406	0801-002268	IC-CMOS LOGIC	"74VHC139,DECODER,SOP,16P,150MI"	
IC407	0801-002394	IC-CMOS LOGIC	"74LCX32,OR GATE,SOIC,14P,150MI"	

Loc. No.	Code No.	Description	Specification	Remarks
IC408	0801-002559	IC-CMOS LOGIC	"74LVX74,D,FLIP-FLOP,TSSOP,14P,173MIL,DUAL,TP,PLASTIC,-,0.36V,-40to+85C,180mW,2"	
IC500	1105-001301	IC-DRAM	"4S643232,512Kx32x4Bit,TSSOP,86P,400MIL,7ns,3.3V,10%,PLASTIC,0to+70C,2mA,CMOS,TR"	
IC501	1105-001301	IC-DRAM	"4S643232,512Kx32x4Bit,TSSOP,86P,400MIL,7ns,3.3V,10%,PLASTIC,0to+70C,2mA,CMOS,TR"	
IC502	1205-001916	IC-LCD CONTROLLER	"JAG200MX,BGA,352P,1378MIL,-,3.45V,-,0to+70C,TR,Digital Display Proc"	
IC503	1001-001153	IC-ANALOG SWITCH	"FST3253M,CMOS,SOP,16P,150MIL,DUAL,7V,-40to+85C,PLASTIC,-,7ohm,5.8nS,-,TP,D"	
IC510	0801-002574	IC-CMOS LOGIC	"74LVX04,INVERTER,SOP,14P,150MIL,HEX,TP,PLASTIC,-,0.36V,-40to+85C,180mW,2.4V,20"	
IC600	1105-001301	IC-DRAM	"4S643232,512Kx32x4Bit,TSSOP,86P,400MIL,7ns,3.3V,10%,PLASTIC,0to+70C,2mA,CMOS,TR"	
IC601	1105-001301	IC-DRAM	"4S643232,512Kx32x4Bit,TSSOP,86P,400MIL,7ns,3.3V,10%,PLASTIC,0to+70C,2mA,CMOS,TR"	
IC602	1205-001916	IC-LCD CONTROLLER	"JAG200MX,BGA,352P,1378MIL,-,3.45V,-,0to+70C,TR,Digital Display Proc"	
IC700	1205-001870	IC-TRANSMITTER	"DS90C387VJQD,JFP,100P,550MIL,PLASTIC,3.6V,2.8W,-10to+70C,TR,Dual Pixel LVDS"	
IC701	1002-001177	IC-D/A CONVERTER	"AD5301B,8BIT,SOT-23,6P,63MIL,+0.25LSB,TP,-,PLASTIC,7V,-40TO+105C,240MW,8-BIT DA"	
IC801	1203-001447	IC-POSI.FIXED REG.	"2596,TO-263,5P,-,PLASTIC,3.135"	
IC802	1203-001447	IC-POSI.FIXED REG.	"2596,TO-263,5P,-,PLASTIC,3.135"	
IC804	1203-001465	IC-POSI.ADJUST REG.	"317,TO-263,3P,-,PLASTIC,1.2/37"	
IC805	1203-001465	IC-POSI.ADJUST REG.	"317,TO-263,3P,-,PLASTIC,1.2/37"	
IC807	1203-001488	IC-POSI.FIXED REG.	"7805,TO-252,3P,-,PLASTIC,4.8/5"	
IC808	0505-000275	FET-SILICON	"SI4435DY,P,-30V,+-8.0A,0.02ohm"	
IC809	1203-001488	IC-POSI.FIXED REG.	"7805,TO-252,3P,-,PLASTIC,4.8/5"	
IC810	1203-002067	IC-POSI.FIXED REG.	"3330,SOT-23,6P,65MIL,PLASTIC,3.284/3.316V,-,40to+125C,200mA,-,TP"	
L301	2703-001778	INDUCTOR-SMD	"3.3UH,20%,3.2X2.5X2.2MM"	
L410	2703-001778	INDUCTOR-SMD	"3.3UH,20%,3.2X2.5X2.2MM"	
Q400	0501-002080	TR-SMALL SIGNAL	"2SC2412K,NPN,200mW,SOT-23,TP,1"	
Q800	0501-002080	TR-SMALL SIGNAL	"2SC2412K,NPN,200mW,SOT-23,TP,1"	
Q802	0501-002080	TR-SMALL SIGNAL	"2SC2412K,NPN,200mW,SOT-23,TP,1"	
Q804	0501-002080	TR-SMALL SIGNAL	"2SC2412K,NPN,200mW,SOT-23,TP,1"	
Q841	0501-002080	TR-SMALL SIGNAL	"2SC2412K,NPN,200mW,SOT-23,TP,1"	
R101	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R102	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R103	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R104	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R105	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R106	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R107	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R108	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R109	2007-000080	R-CHIP	"2Kohm,5%,1/16W,DA,TP,1608"	
R110	2007-001002	R-CHIP	"510ohm,5%,1/16W,DA,TP,1608"	
R111	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R112	2007-000309	R-CHIP	"10ohm,5%,1/16W,DA,TP,1608"	
R113	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R114	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R119	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R120	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R121	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R122	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R123	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R124	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R125	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R126	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R127	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R128	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R129	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
R130	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R151	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R201	2007-000102	R-CHIP	"100Kohm,5%,1/16W,DA,TP,1608"	
R202	2007-000133	R-CHIP	"330Kohm,5%,1/16W,DA,TP,1608"	
R203	2007-000102	R-CHIP	"100Kohm,5%,1/16W,DA,TP,1608"	
R204	2007-000133	R-CHIP	"330Kohm,5%,1/16W,DA,TP,1608"	
R205	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R206	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R207	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R208	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R209	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R210	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R211	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R212	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R214	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R215	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R216	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R217	2007-000082	R-CHIP	"3.3Kohm,5%,1/16W,DA,TP,1608"	
R218	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R219	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R223	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R226	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R227	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R228	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R229	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R230	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R232	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R237	2007-000113	R-CHIP	"33ohm,5%,1/16W,DA,TP,1608"	
R239	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R241	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R248	2007-000109	R-CHIP	"1Mohm,5%,1/16W,DA,TP,1608"	
R249	2007-000125	R-CHIP	"3.9Kohm,5%,1/16W,DA,TP,1608"	
R252	2007-000082	R-CHIP	"3.3Kohm,5%,1/16W,DA,TP,1608"	
R255	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R256	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R258	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R260	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R261	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R265	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R270	2007-000102	R-CHIP	"100Kohm,5%,1/16W,DA,TP,1608"	
R271	2007-000133	R-CHIP	"330Kohm,5%,1/16W,DA,TP,1608"	
R272	2007-000113	R-CHIP	"33ohm,5%,1/16W,DA,TP,1608"	
R273	2007-000133	R-CHIP	"330Kohm,5%,1/16W,DA,TP,1608"	
R274	2007-000102	R-CHIP	"100Kohm,5%,1/16W,DA,TP,1608"	
R275	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R276	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R277	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R281	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R299	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R301	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R302	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	

Loc. No.	Code No.	Description	Specification	Remarks
R303	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R304	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R305	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R306	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R307	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R308	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R309	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R310	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R311	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R312	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R313	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R319	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R324	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R325	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R326	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R327	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R329	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R330	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R331	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R332	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R333	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R336	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R337	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R338	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R339	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R340	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R341	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R342	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R343	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R344	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R345	2007-001167	R-CHIP	"75ohm,5%,1/16W,DA,TP,1608"	
R355	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R356	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R357	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R359	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R360	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R361	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R400	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R401	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R402	2007-000092	R-CHIP	"15Kohm,5%,1/16W,DA,TP,1608"	
R403	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R404	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R405	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R406	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R407	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R408	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R409	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R410	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R411	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R412	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R413	2007-000075	R-CHIP	"220ohm,5%,1/16W,DA,TP,1608"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
R414	2007-000075	R-CHIP	"220ohm,5%,1/16W,DA,TP,1608"	
R415	2007-000075	R-CHIP	"220ohm,5%,1/16W,DA,TP,1608"	
R417	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R418	2007-000078	R-CHIP	"1Kohm,5%,1/16W,DA,TP,1608"	
R419	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R420	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R421	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R422	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R423	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R424	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R425	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R426	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R427	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R428	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R429	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R430	2007-000075	R-CHIP	"220ohm,5%,1/16W,DA,TP,1608"	
R433	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R501	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R502	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R503	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R504	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R505	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R506	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R507	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R512	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R513	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R515	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R517	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R518	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R519	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R520	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R521	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R522	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R523	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R524	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R525	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R526	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R527	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R528	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R529	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R530	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R531	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R532	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R533	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R534	2007-000076	R-CHIP	"330ohm,5%,1/16W,DA,TP,1608"	
R535	2007-000076	R-CHIP	"330ohm,5%,1/16W,DA,TP,1608"	
R536	2007-000076	R-CHIP	"330ohm,5%,1/16W,DA,TP,1608"	
R537	2007-000076	R-CHIP	"330ohm,5%,1/16W,DA,TP,1608"	
R538	2007-000076	R-CHIP	"330ohm,5%,1/16W,DA,TP,1608"	
R539	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R540	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	

Loc. No.	Code No.	Description	Specification	Remarks
R541	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R542	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R543	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R544	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R545	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R547	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R551	2007-000072	R-CHIP	"47ohm,5%,1/16W,DA,TP,1608"	
R600	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R601	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R602	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R603	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R604	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R605	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R607	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R608	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R609	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R610	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R611	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R612	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R621	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R702	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R704	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R705	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R706	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R707	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R708	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R709	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R710	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R711	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R712	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R713	2007-000070	R-CHIP	"0ohm,5%,1/16W,DA,TP,1608"	
R714	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R795	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R801	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R802	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R803	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R806	2007-000122	R-CHIP	"1.2Kohm,5%,1/16W,DA,TP,1608"	
R808	2007-000077	R-CHIP	"470ohm,5%,1/16W,DA,TP,1608"	
R810	2007-000077	R-CHIP	"470ohm,5%,1/16W,DA,TP,1608"	
R811	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R813	2007-000122	R-CHIP	"1.2Kohm,5%,1/16W,DA,TP,1608"	
R816	2007-000084	R-CHIP	"4.7Kohm,5%,1/16W,DA,TP,1608"	
R818	2007-000122	R-CHIP	"1.2Kohm,5%,1/16W,DA,TP,1608"	
R841	2007-000102	R-CHIP	"100Kohm,5%,1/16W,DA,TP,1608"	
R842	2007-000090	R-CHIP	"10Kohm,5%,1/16W,DA,TP,1608"	
R843	2007-000102	R-CHIP	"100Kohm,5%,1/16W,DA,TP,1608"	
R851	2007-000077	R-CHIP	"470ohm,5%,1/16W,DA,TP,1608"	
R852	2007-000077	R-CHIP	"470ohm,5%,1/16W,DA,TP,1608"	
R853	2007-000102	R-CHIP	"100Kohm,5%,1/16W,DA,TP,1608"	
R854	2007-000133	R-CHIP	"330Kohm,5%,1/16W,DA,TP,1608"	
R901	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	

7 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
R902	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R903	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R904	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R905	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R906	2007-000071	R-CHIP	"22ohm,5%,1/16W,DA,TP,1608"	
R967	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
R969	2007-000074	R-CHIP	"100ohm,5%,1/16W,DA,TP,1608"	
RA101	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA102	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA103	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA104	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA105	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA106	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA107	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA108	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA109	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA110	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA111	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA112	2011-000585	R-NETWORK	"47ohm,5%,63mW,L,CHIP,8P,TP"	
RA113	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA200	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA201	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA202	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA203	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA204	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA205	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA206	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA207	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA208	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA209	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA210	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA211	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA212	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA213	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA214	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA215	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA216	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA217	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA300	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA301	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA302	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA303	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA304	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA305	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA306	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA307	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA500	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA501	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA502	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA503	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA504	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	

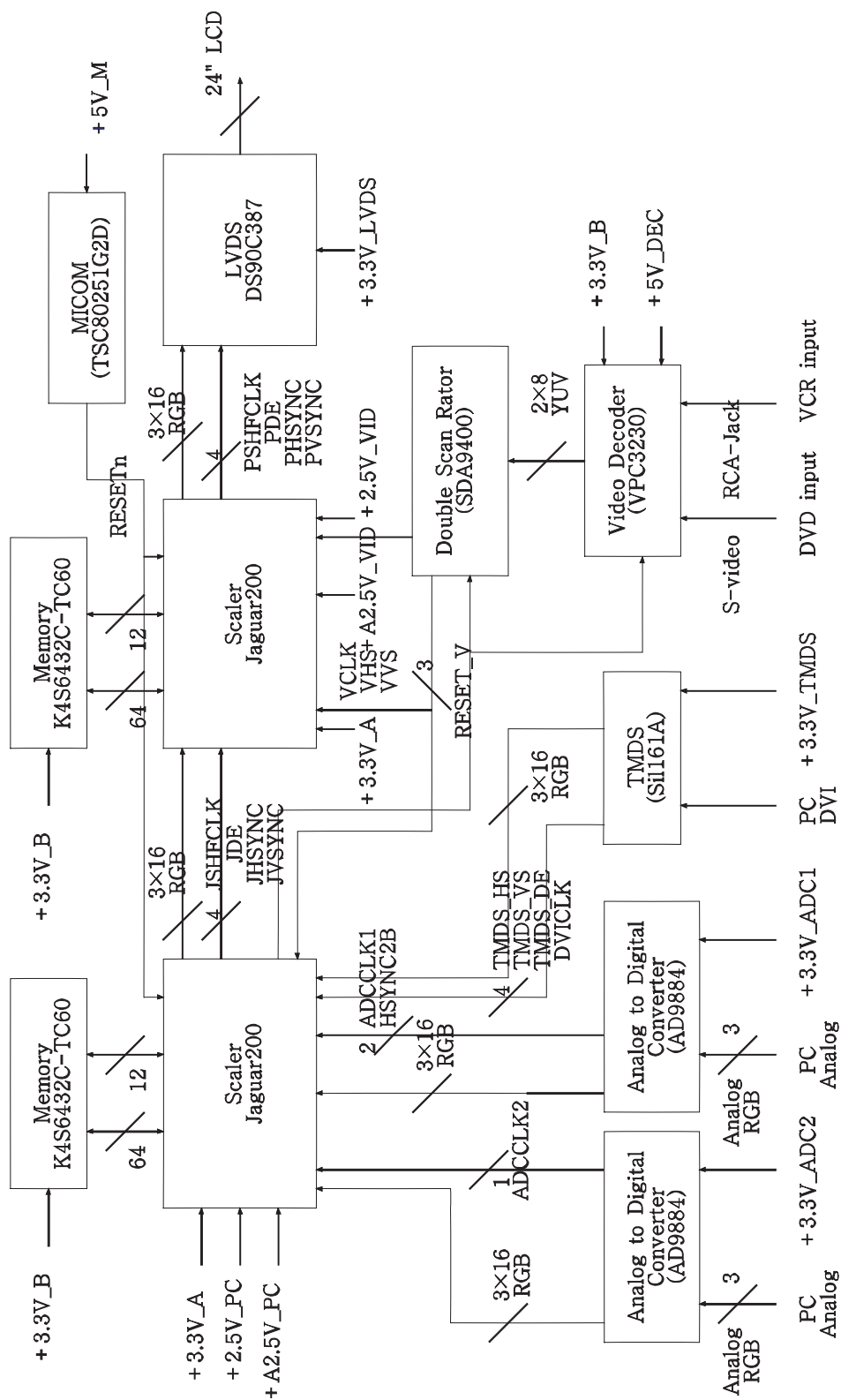
Loc. No.	Code No.	Description	Specification	Remarks
RA600	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA601	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA602	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA603	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA604	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA701	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA702	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA703	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA704	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA705	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA706	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA707	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA708	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA709	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA710	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA711	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
RA712	2011-000002	R-NETWORK	"22ohm,5%,63mW,L,CHIP,8P,TP"	
X301	2801-003846	CRYSTAL-SMD	"20.25MHz,30ppm,28-AAN,20pF,50ohm,TP"	
X302	2801-003954	CRYSTAL-SMD	"27MHz,30ppm,28-AAN,16pF,50ohm,TP"	
X400	2801-003667	CRYSTAL-SMD	"14.3182MHZ,50PPM,28-AAN,16,50OHM,TP"	
ZD101	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	
ZD102	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	
ZD103	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	
ZD201	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	
ZD202	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	
ZD230	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	
ZD231	0403-000579	DIODE-ZENER	"BZX84C5V1,5.1V,5%,200mW,SOT-23"	

7-2 Others

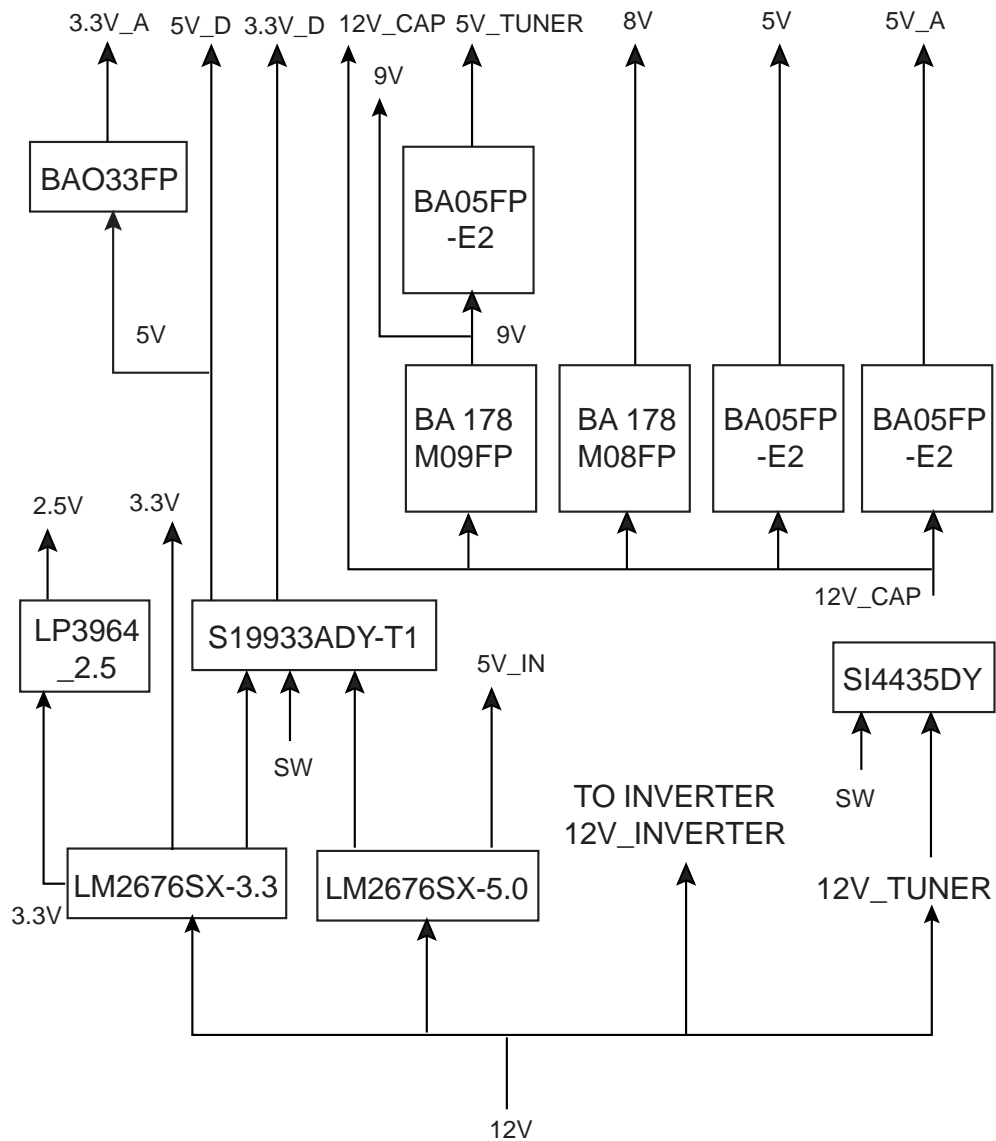
Part Name	Code No.	Description	Specification	Remarks
"LCD (21")"	BN07-00016A	LCD	"LTM213U3-L01,LSA,8BIT,483*373.2*29,16.7M,-,0.27*0.27,-,,-,AMLCD/2 LVDS,-"	
" (24")"	BN07-00015A	LCD	"LTM240W1-L01,LSA,8BIT,569.1*368.4*32,16.7M,-,0.27*0.27,-,,-,AMLCD/2 LVDS,-"	
"PROCESS-PBA UNIT (21")"	BN94-00063B	ASSY PCB	"PC21PB-UXA1/0000,SAMSUNG,WORLDWIDE,-"	
" (24")"	BN94-00060C	ASSY PCB-ST	"PC24PS-WUA1/0000,-,-,-"	
"B/D ASS'Y CODE (21")"	BN98-00024B	ASSY PCB/MAIN	"PC21PB-UXA1/0000,SAMSUNG,WORLDWIDE,-"	
" (24")"	BN98-00023C	ASSY PCB/MAIN-ST	"PC24PS-WUA1/0000,-,-,-"	
"S/CABLE (21" 24")"	BN39-00073A	CBF SIGNAL	"DET,2000MM,24P/24P,BLACK,-,DVI-D(M) TO DVI-D(M)"	
	BN39-20001F	CBF-SIGNAL	"DET,1830MM,15P/15P,STRENGTH GRAY,UL 2990,D-SUB/MALE"	
"P/CORD(21" 24")"	BH39-10339X	CBF-P/CORD	"DET,SVT,125V/7A,BLK,1830,WALL(ST),MSP-33,MSC-30"	
"INVERTER (21" 24")"	BN44-00044A	INVERTER	"24PS,SK2400H,48KHZ,14VDC,3.8mArms,6.8mArms,48KHZ,180.3*130.3*15,4LAMP,48KHz,-,-"	
"ADAPTOR (21" 24")"	BN44-00043A	ADAPTOR	"PSCV840101A,PC24PS,100-240Vac,47-63HZ,+14Vdc,6A/14Vdc,-,84W,AC-DC,0 TO +40C,155"	

8 Block Diagram

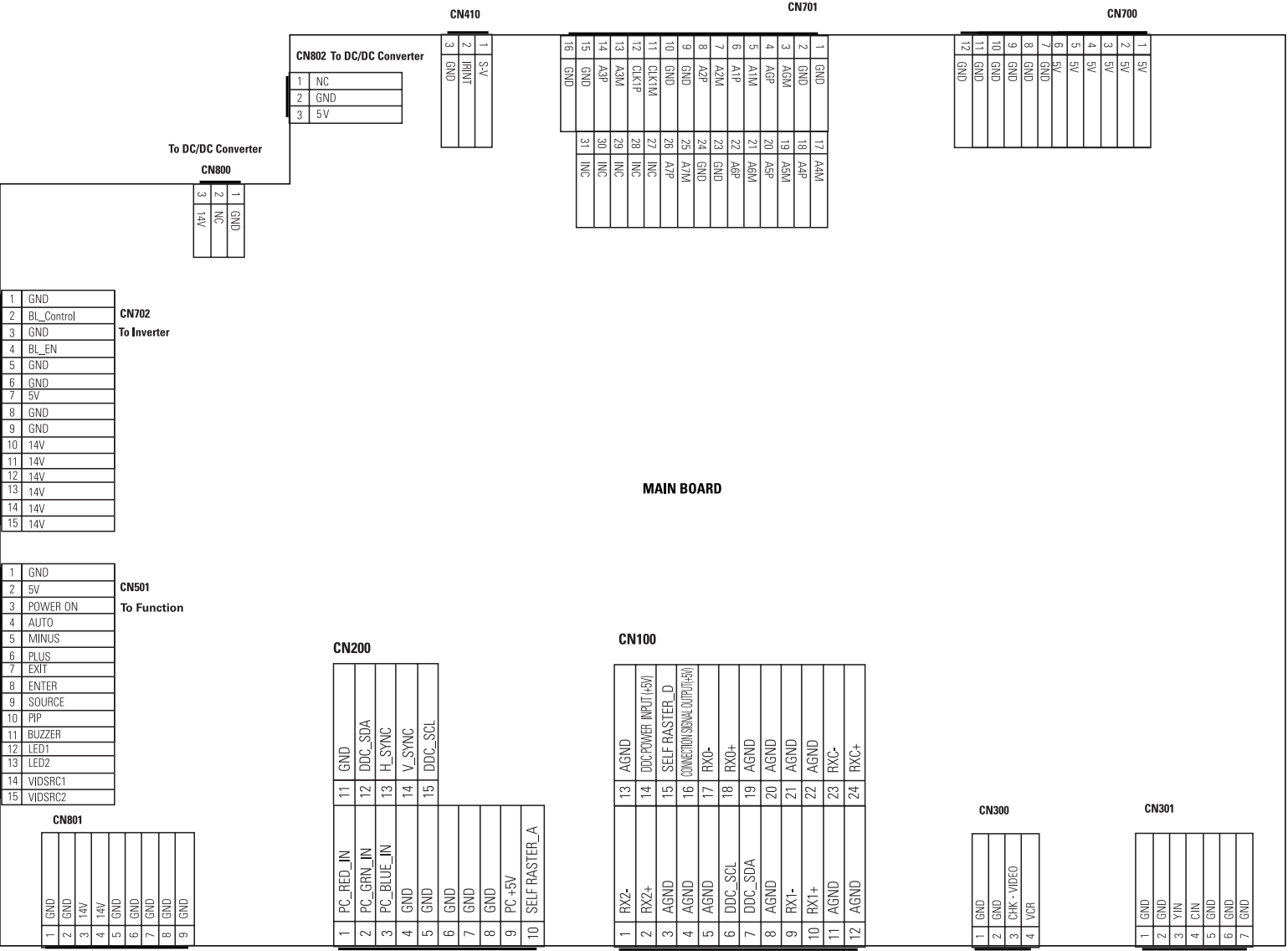
8-1 Main Board (A/D)



8-2 Power



9 Wiring Diagram



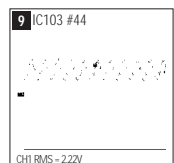
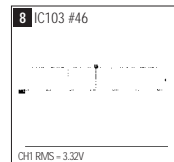
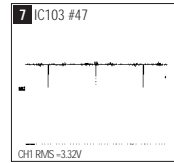
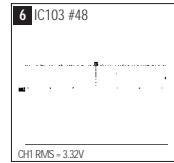
Memo

10-1 Top Parts Schematic Diagram



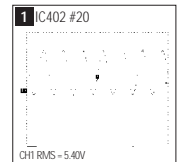
SyncMaster 210T/240T

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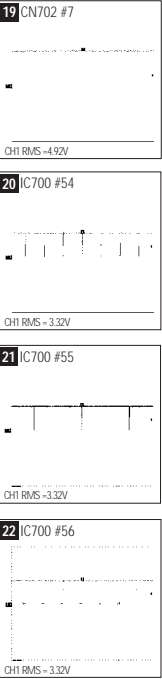
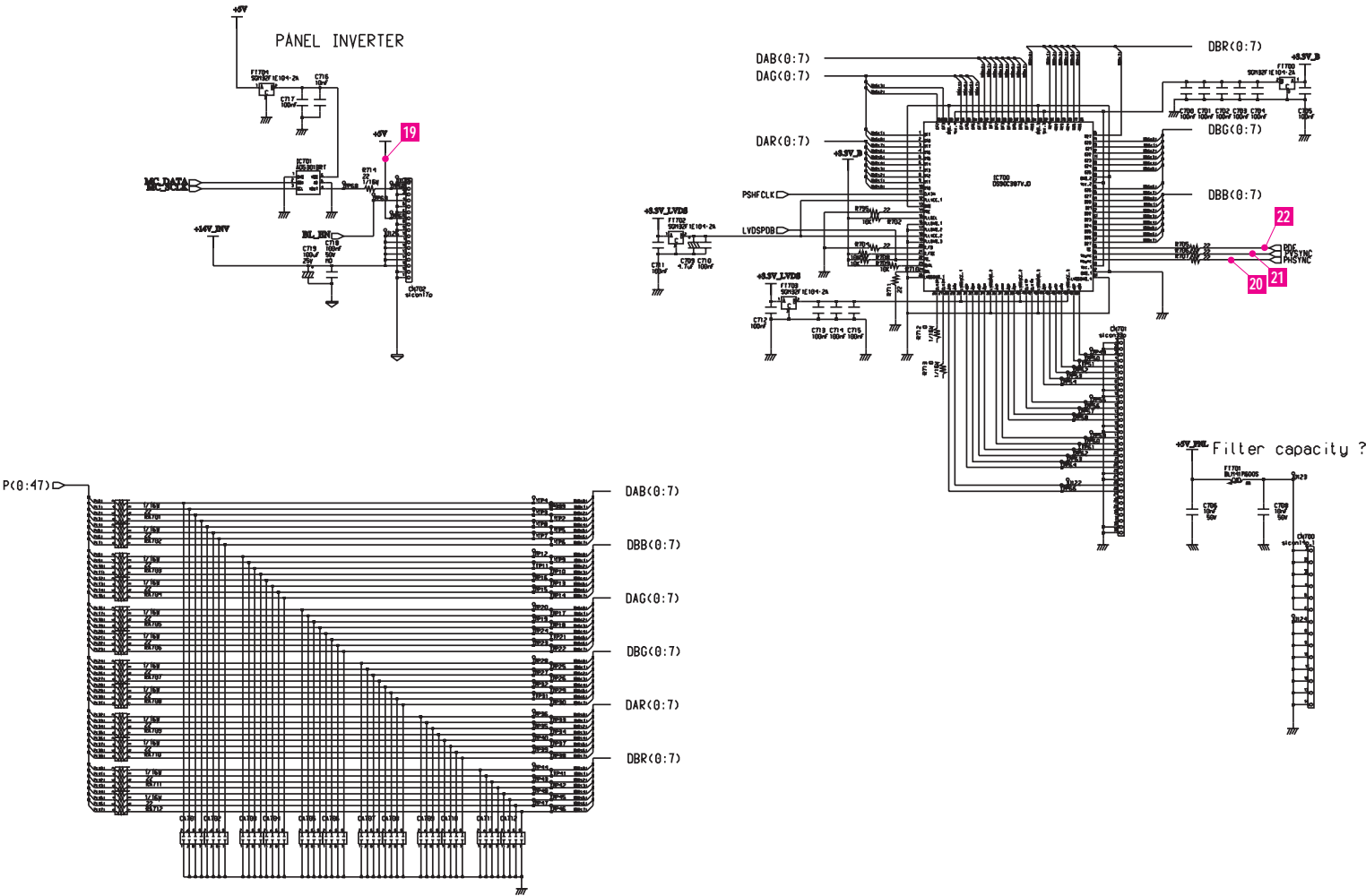


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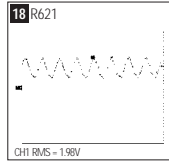


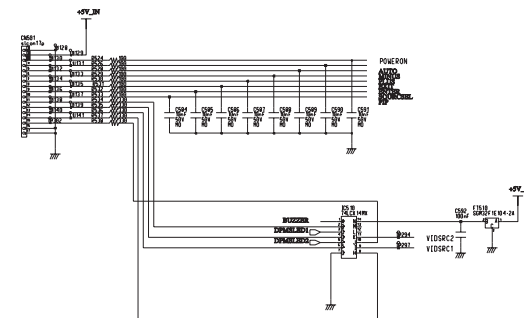
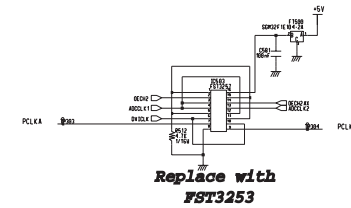
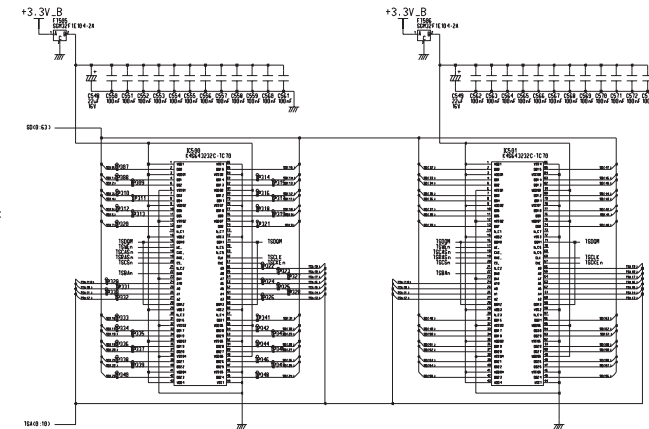


10-6 LVDS Part Schematic Diagram

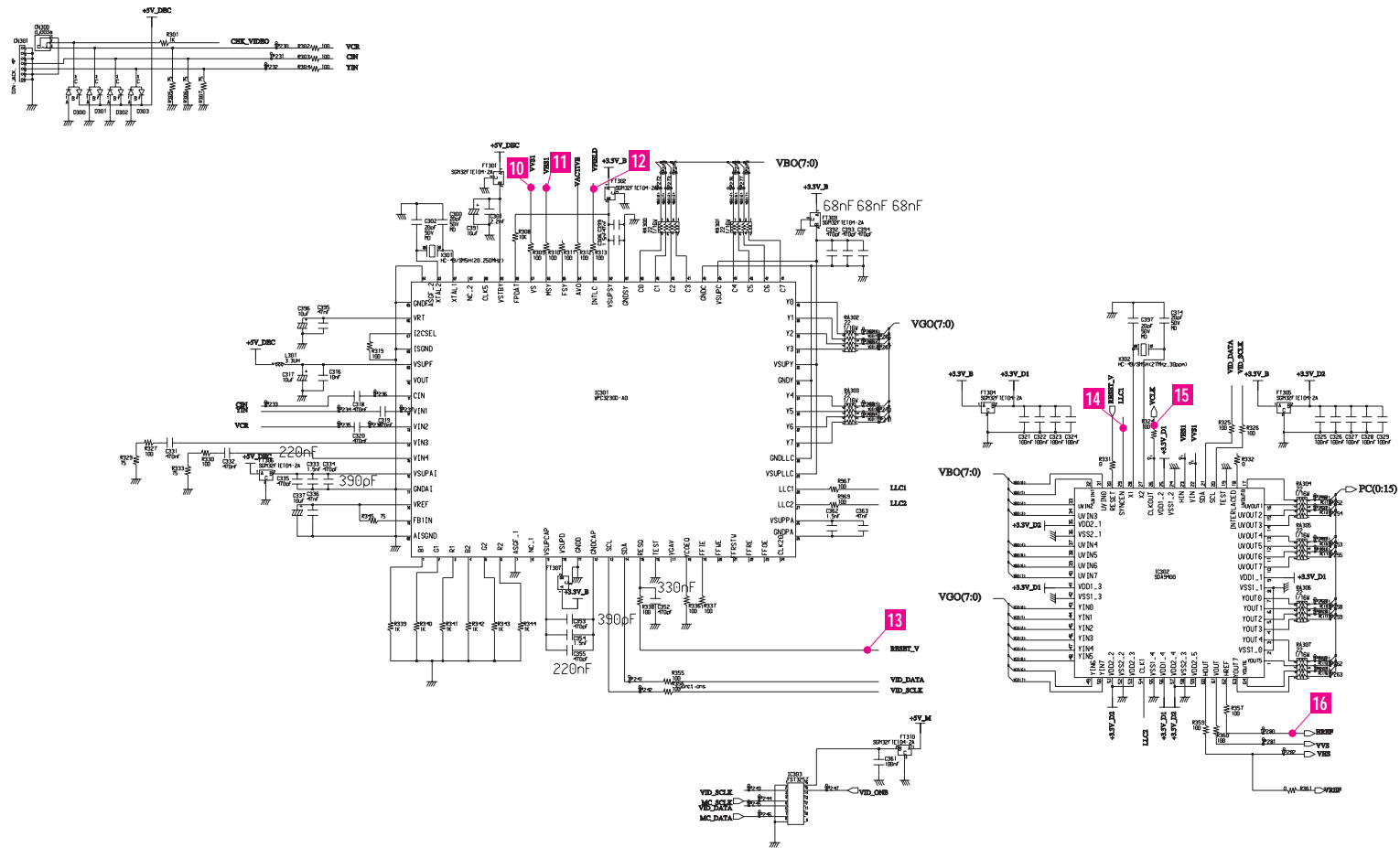


SyncMaster 210T/240T



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10-9 Video Parts Schematic Diagram



10 IC301 #57

CH1 RMS = 3.32V

11 IC301 #56

CH1 RMS = 3.24V

12 IC301 #53

CH1 RMS = 3.32V

13 IC301 #15

CH1 RMS = 3.40V

14 IC302 #29

CH1 RMS = 3.48V

15 IC302 #26

CH1 RMS = 3.96V

16 IC302 #62

CH1 RMS = 3.32V

Memo